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February 25, 2005

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP03/10887
-filed August 27, 2003

Re: Application of Takafumi SHICHIDA, Takaya YOSHIKAWA, Takashi
NAKASHIMA, Satoshi ISHIKAWA
GAS SENSOR
Assignee: NGK SPARK PLUG CO., LTD.
Our Ref: Q86555

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ an English translation of the International Application.
- ☒ an executed Declaration and Assignment.
- ☒ an executed Assignment and PTO Form 1595.
- ☒ 11 sheets of drawings - (Figs 1-11b)
- ☒ an English translation of Article 34 amendments (annexes to the IPER).
- ☒ an Information Disclosure Statement including PTO/SB/08 A & B (modified) listing the ISR/IPER references, ISR (English language) and IPER (Japanese language).
- ☒ a copy of each reference cited in the ISR/IPER.
- ☒ a Preliminary Amendment.
- ☒ copy of cover page of WO 2004/023130 A1
- ☒ **it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)**

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



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SUGHRUE MION, PLLC

National Stage Entry of PCT/JP03/10887

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The Government filing fee, after entry of the Preliminary Amendment, is calculated as follows:

Total claims	<u>10</u>	-	<u>20</u>	=		x	\$50.00	=	<u>\$0.00</u>
Independent claims	<u>2</u>	-	<u>3</u>	=		x	\$200.00	=	<u>\$0.00</u>
							0		
Base Fee									<u>\$300.00</u>
Search Fee									<u>\$400.00</u>
Examination Fee									<u>\$200.00</u>
TOTAL FEE									<u>\$900.00</u>

The Office is hereby directed and authorized to charge the statutory filing fee of \$900.00 to Deposit Account No. 19-4880. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.16, 1.17 and 1.492 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-247441	August 27, 2002

Respectfully submitted,

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WASHINGTON OFFICE

23373

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Date: February 25, 2005